In the claims:

Claims 1-13 canceled.

14. (new) A device for remote monitoring of an overhead power transmission line conductor, comprising a housing provided with means for attaching on the overhead power transmission line conductor; a power supply arranged in said housing; and a measuring-transmitting module arranged on said housing and provided with means for interfacing with a utility cellular telephonic channel.

15. (new) A device as defined in claim 14, wherein said measuring-transmitting module includes a control unit, a unit for receipt and conversion of a conductor status signals, a unit for primary processing of obtained information, collection and storage of data, wherein said unit for primary processing of obtained information, collection and storage of data is connected to an input of said unit for communication and data transmission and to an output of said unit for receipt and conversion of conductor status signals, and said interface with a utility similar telephonic channel is included in said unit for communication and data transmission.

16. (new) A device as defined in claim 14, wherein said measuring-transmitting module additionally includes a Global Positioning System signals receiver with an identifier of its position in a three-dimensional coordinate system.

17. (new) A device as defined in claim 14, wherein said unit for receipt and conversion of conductor status signal includes a sensor of current values in the conductor.

18. (new) A device as defined in claim 14, wherein said unit for receipt and conversion of conductor status signals includes a sensor of conductor temperature.

18. (new) A device as defined in claim 17, wherein said sensor of conductor temperature is incorporated in said means for attaching said housing to the overhead power transmission line conductor.

19. (new) A device as defined in claim 17; and further comprising means for attaching said housing to the overhead power transmission line conductor, said sensor of conductor temperature being mounted in said means for attaching said housing to the overhead power transmission line conductor.

20. (new) A device as defined in claim 14, wherein said unit for communication and data transmission is provided with means for receipt of data inquiry signals, setting digital data, and unauthorized access protection.

21. (new) A device as defined in claim 14, wherein said power supply is configured as a battery.

22. (new) A device as defined in claim 14, wherein said power supply is configured as a battery which is chargeable from an overhead power transmission line current.

23. (new) A device as defined in claim 19; and further comprising a solar battery, said battery being chargeable from said solar battery.

24. (new) A device for remote monitoring of an overhead power transmission line conductor, comprising a housing providing with means for attaching to the overhead power transmission line conductor; a power supply arranged in said housing; and a measuring-transmitting module arranged in said housing and equipped with a global positioning system signal receiver identifying its three-dimensional coordinates.

25. (New) A device as defined in claim 24, wherein said measuring-transmitting module is provided with means for interfacing with a utility cellular telephonic channel.

26. (new) A device as defined in claim 24, wherein said unit for receipt and conversion of conductor status signals includes a sensor of current values in the conductor.

27. (new) A device as defined in claim 24, wherein said unit for receipt and conversion of conductor status signals includes a sensor of conductor temperature.

28. (new) A device as defined in claim 27; and further comprising means for attaching said housing to the overhead power transmission line conductor, said sensor of conductor temperature being incorporated in said means for attaching said housing to the overhead power transmission line conductor.

29. (new) A device as defined in claim 24, wherein said unit for communication and data transmission is provided with means for receipt of data inquiry signal, setting digital data, and unauthorized access protection.

30. (new) A device as defined in claim 23, wherein said power supply is configured as a battery.

31. (new) A device as defined in claim 30, wherein said battery has means for charging from an overhead power transmission line current.

32. (new) A device as defined in claim 30; and further comprising a solar battery, said power supply configured as a battery being chargeable form said solar battery.

33. (new) A device as defined in claim 24, wherein said measuring-transmitting module includes a control unit, a unit of receipt and conversion of conductor status signal, a unit for primary processing of obtained information, collection and storage of data, and a unit for communication and data transmission, wherein said unit for primary processing and obtained information, collection and storage data is connected to an output of a unit for receipt and conversion of conductor status signal and to an input of a unit of said unit of communication and data transmission, and said global positioning system signals receiver identifying its three-dimensional coordinates is introduced in said unit for receipt and conversion of conductor status signal.